

(12) UK Patent Application (19) GB (11) 2 243 381 (13) A

(43) Date of A publication 30.10.1991

(21) Application No 9108244.6

(22) Date of filing 17.04.1991

(30) Priority data

(31) 613922

(32) 24.04.1990

(33) US

(71) Applicant

Structural Panels INC

(Incorporated in the USA - Florida)

350 Burbank, Oldmar, Florida,
United States of America

(72) Inventor

Stephen C Meyerson

(74) Agent and/or Address for Service

Raworth Moss and Cook

36 Sydenham Road, Croydon, Surrey, CR0 2EF,
United Kingdom

(51) INT CL^{*}

E04B 1/68

(52) UK CL (Edition K)

E1D DF112 DLEKM2 DLEQW2 D193 D2141 D401
D402 D421 D501

(56) Documents cited

GB 2142670 A

GB 1347401 A

GB 1277965 A

WO 86/05224 A

US 4769963 A

(58) Field of search

UK CL (Edition K) E1D DF112 DLEKMCV DLEKMDV
DLEKMNIV DLEKMSV DLEQWCV DLEQWDV
DLEQWNV DLEQWSV
INT CL^{*} E04B

(54) Building panel joint

(57) A joint comprises, a ramp 20, pocket 18, which may contain a sealant (34, figures 9 and 10 not shown), an interlocking wedge element 19 and a centering stabilizer 21. In use two insulated panels 11 are locked together by a snap fit causing the wedge 19 to yieldably move over the ramp 20 into the pocket 18 causing the sealant (34), positioned in pocket 18, to extrude forming a gasket between the pocket walls 25 and the wedge 19. The wedge 19 may be formed on one edge of a panel, figure 8, or alternatively may be formed on both sides of an 'I' beam 42 interposed between two panels, figure 15.

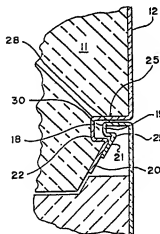


FIG. 8

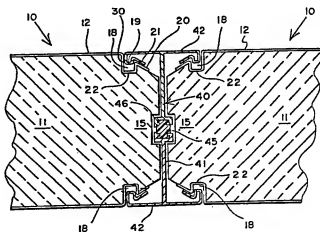


FIG. 15